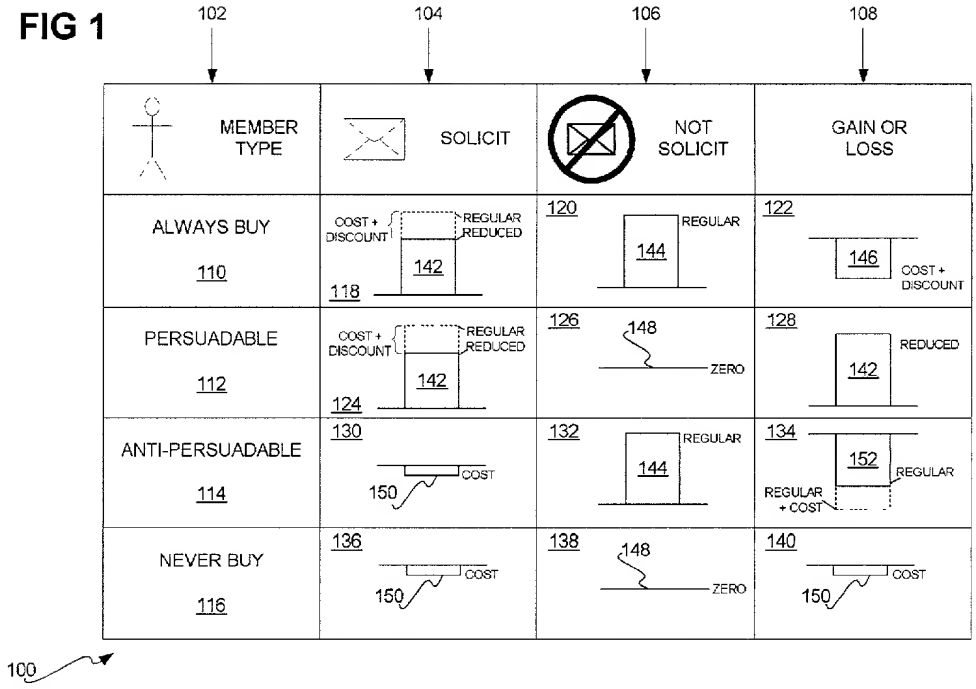
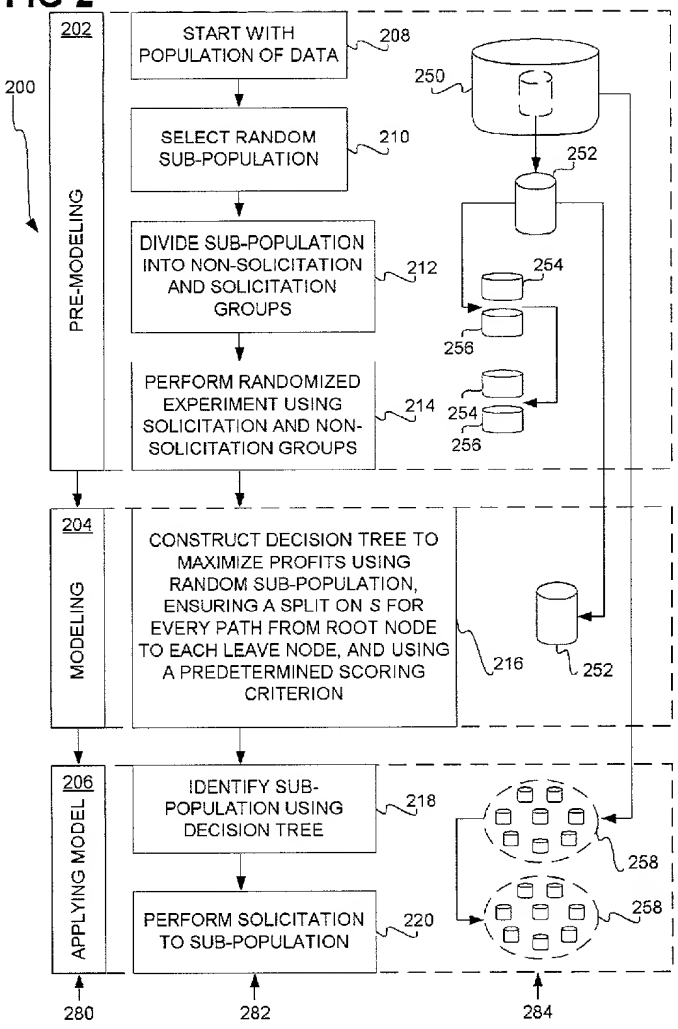
FIG 1



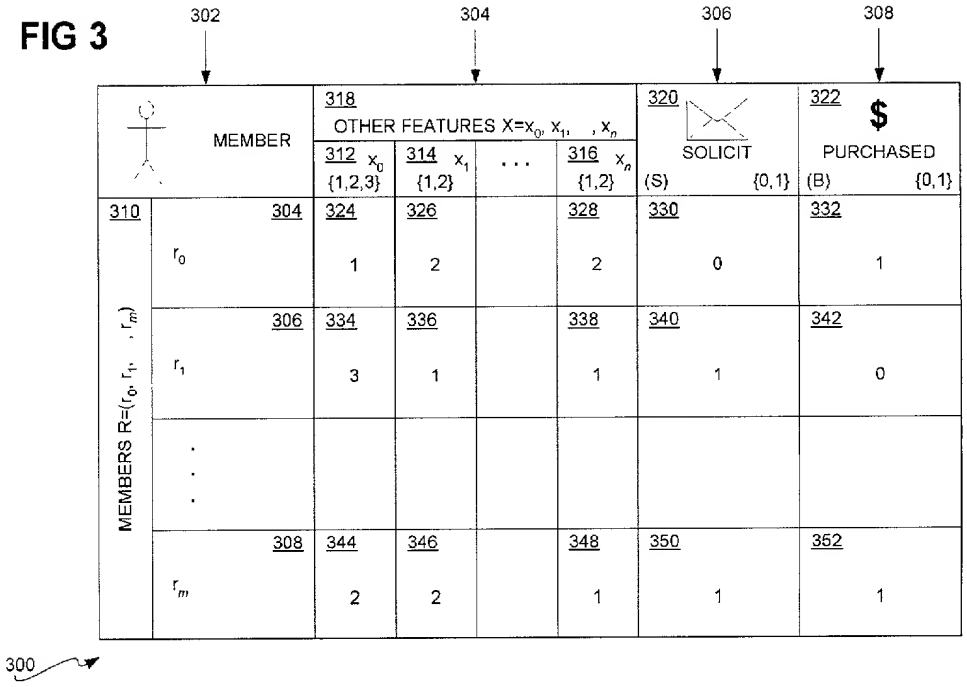
Document 1 Page 33 of 44

FIG 2



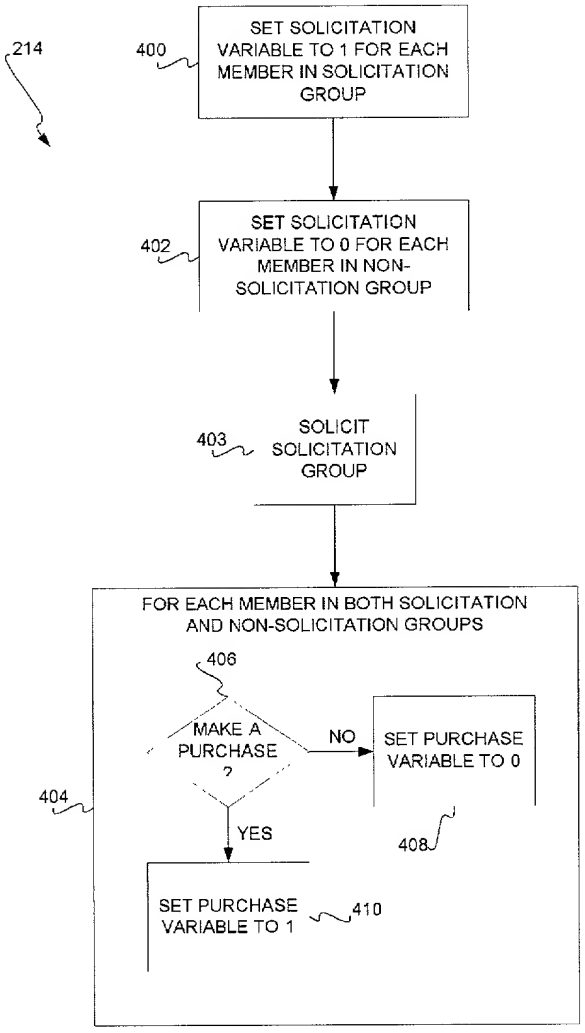
Electronic Patent Application Fee Transmittal

FIG 3



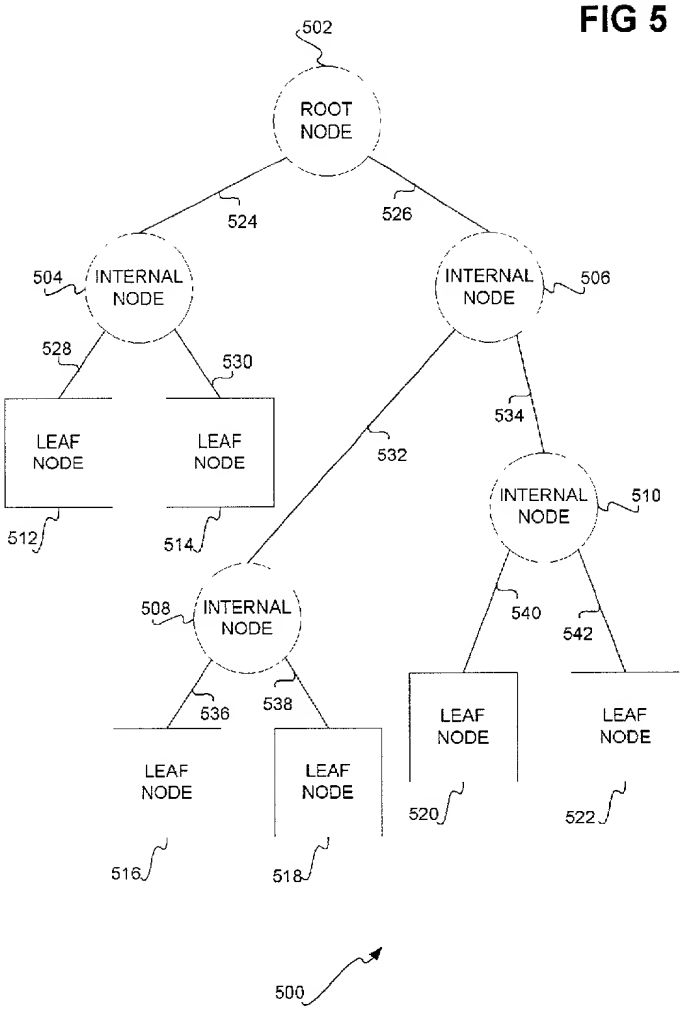
Document 1 Page 35 of 44

FIG 4



Electronically signed by Jeffrey Brinkman
DocuSign Envelope ID: 1A1E1E1E-1E1E-1E1E-1E1E-1E1E1E1E1E1E

FIG 5



Electronic Patent Application Fee Transmittal

FIG 6

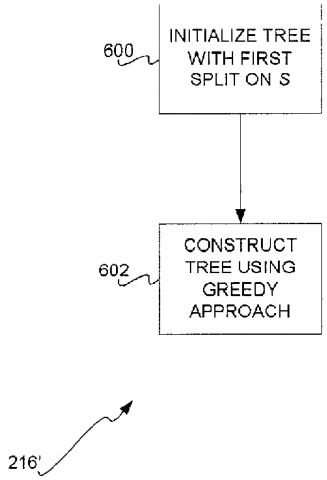
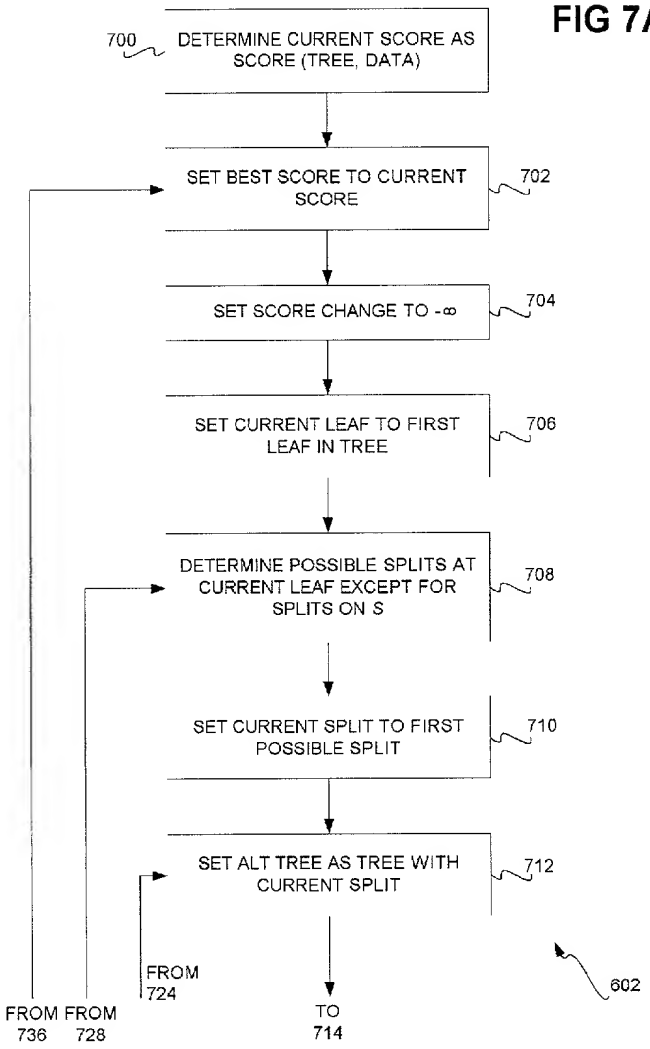

600
INITIALIZE TREE WITH FIRST SPLIT ON S
602
CONSTRUCT TREE USING GREEDY APPROACH
216'

FIG 7A



Petitioner's Exhibit 1002 - Page 39 of 44

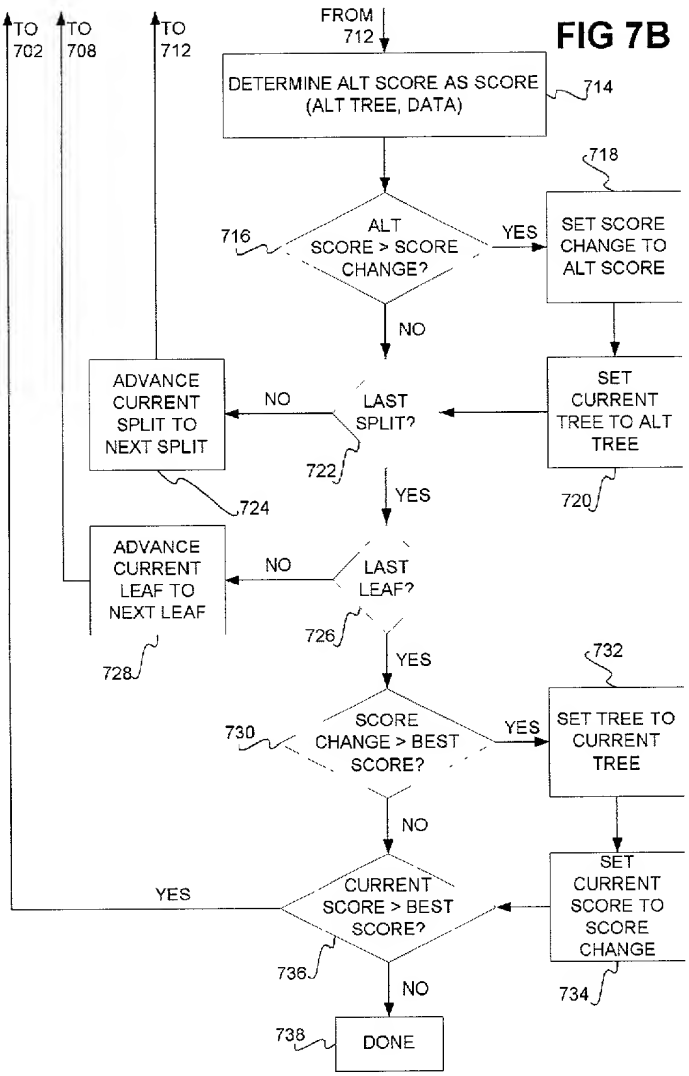
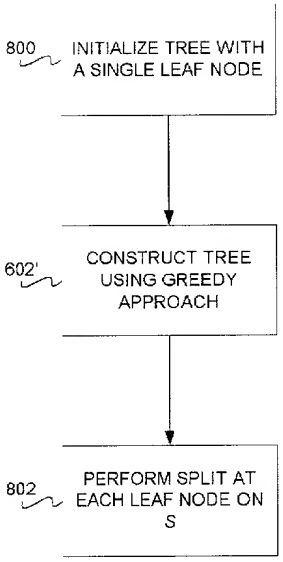


FIG 7B

Electronic Patent Application Fee Transmittal

FIG 8


800
INITIALIZE TREE WITH A SINGLE LEAF NODE
602'
CONSTRUCT TREE USING GREEDY APPROACH
802
PERFORM SPLIT AT EACH LEAF NODE ON S

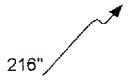
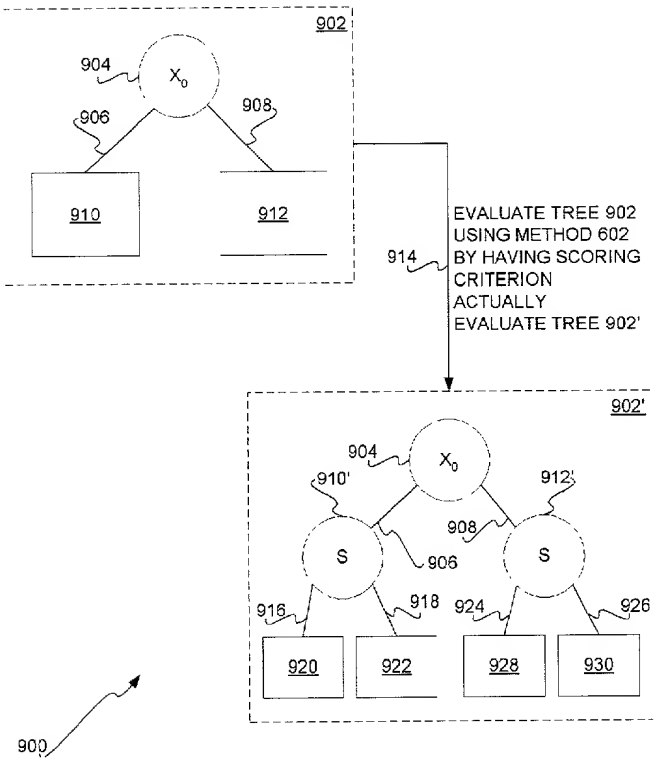

216"

FIG 9



Electronic Patent Application Fee Transmittal

FIG 10

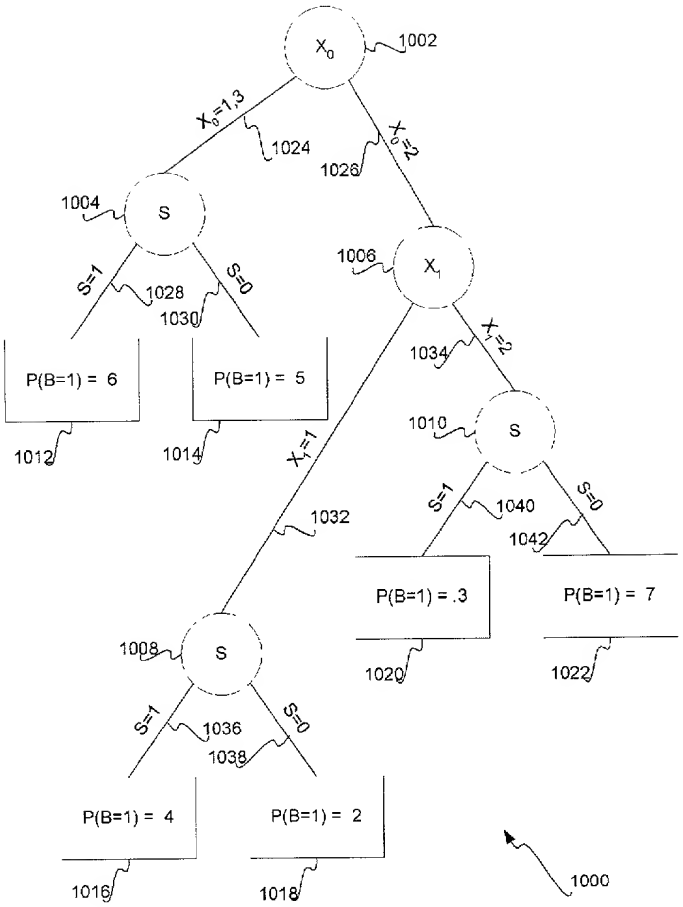

X_0
1002
X_0=1,3
1024
X_0=2
1028
1004
S
S=1
1028
S=0
1030
1006
X_1
X_1=2
1034
P(B=1) = 6
P(B=1) = 5
1012
1014
X_1=1
1010
S
S=1
1040
S=0
1042
1032
P(B=1) = .3
P(B=1) = 7
1020
1022
1008
S
S=1
1036
S=0
1038
P(B=1) = 4
P(B=1) = 2
1016
1018
1000

FIG 11

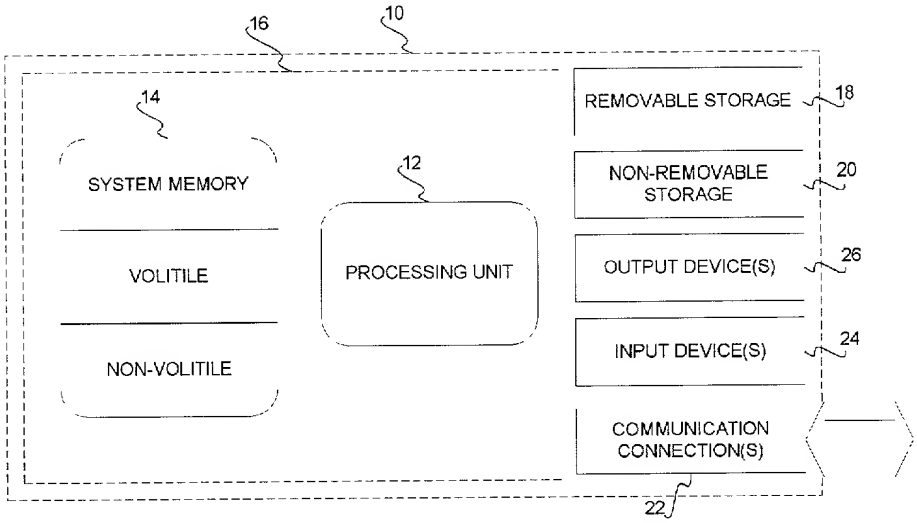


Exhibit 1 - Page 44 of 44